

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	14	(("6478853") or ("3241293") or ("3344582") or ("3957534") or ("4634454") or ("4781734") or ("4810485") or ("4944777") or ("5139541") or ("5217506") or ("5259870") or ("5393325")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/18 15:25
S2	9	((KOICHI) near2 (KITA)).INV.	US-PGPUB; USPAT	OR	ON	2008/11/20 11:27
S3	159	((KOICHI) near2 (KITA)).INV.	EPO; JPO; DERWENT	OR	ON	2008/11/20 11:28
S4	6	((KOICHI) near2 (KITA)).INV.	USPAT; USOCR	OR	ON	2008/11/20 11:29
S5	2	((SHIGEKI) near2 (HARA)).INV.	US-PGPUB; USPAT	OR	ON	2008/11/20 11:29
S6	6	((NAOTSUGU) near2 (ITOH)).INV.	US-PGPUB; USPAT	OR	ON	2008/11/20 11:30
S7	502	95/56,55.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:30
S8	821	96/4.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:30
S9	1719	55/524.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:30
S10	8	S7 and S8 and S9	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:30
S11	753	(zirconium or nickel) with aluminum with vanadium with niobium with phosphorus	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:35
S12	760	(zirconium or nickel) same aluminum with vanadium with niobium with phosphorus	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:36

S13	1090	(zirconium or nickel) same aluminum same vanadium same niobium same phosphorus	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:36
S14	4960	(zirconium or nickel) and aluminum and vanadium and niobium and phosphorus	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:37
S15	0	S7 and S14	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:37
S16	6	S8 and S14	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:37
S17	0	S9 and S14	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:37
S18	17424	hydrogen with membrane	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:42
S19	367	S7 and S18	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:42
S20	10572	(zirconium with nickel) same alloy	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:44
S21	8646	aluminum same vanadium same niobium	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:44
S22	56	S18 and S20 and S21	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:45
S23	20	S19 and S22	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 13:45
S24	45735	((zr or zirconium) with (ni or nickel))	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 14:04
S25	6929	((hydrogen or "h. sub.2") near3 membrane)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 14:12
S26	2147	(alloy with (aluminum same vanadium same niobium))	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 14:14
S27	39	S25 and S26	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 14:15
S28	38	S27 and S24	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 14:15

S29	35	("3238700"   "3336730"   "3398504"   "4135621"   "4306887"   "4528003"   "4701187"   "4707342"   "4867762"   "4892142"   "4976938"   "5124500"   "5205841"   "5238469"   "5456740"   "5489327"   "5556603").PN. OR ("5895519").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 14:51
S30	35	("3238700"   "3336730"   "3398504"   "4135621"   "4306887"   "4528003"   "4701187"   "4707342"   "4867762"   "4892142"   "4976938"   "5124500"   "5205841"   "5238469"   "5456740"   "5489327"   "5556603").PN. OR ("5895519").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 14:53
S31	58	("4468235").URPN.	USPAT	OR	ON	2008/11/25 14:54
S32	40	S7 and S24	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 15:05
S33	51	S8 and S24	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 16:18
S34	23	S9 and S24	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 16:27
S35	485	(95/55-56.ccls. or 96/4.ccls. or 55/524.ccls.) and ((hydrogen or "h.sub.2") near4 membrane)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 11:29

S36	63	S35 and (alloy same (ni or nickel) same (zr or zirconium))	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 11:33
S37	61	S36 and (aluminum or vanadium or nb or niobium or phosphorous)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 11:35
S38	54	(hydrogen or h2).ti. and membrane.ti. and alloy and (nickel or ni) and (zr or zirconium)	EPO; JPO; DERWENT	OR	ON	2008/11/26 11:39
S39	3550	("210"/\$.ccls. or "429"/\$.ccls.) and ((hydrogen or "h. sub.2") near4 membrane)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 12:11
S40	218	S39 and (alloy same (ni or nickel) same (zr or zirconium))	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 12:13
S41	175	S40 and (aluminum or vanadium or nb or niobium or phosphorous)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 12:13
S42	9000	(hydrogen or "h. sub.2") near4 membrane	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 12:48
S43	435	S42 and (alloy same (ni or nickel) same (zr or zirconium))	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 12:49
S44	358	S43 and (aluminum or vanadium or nb or niobium or phosphorous)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 12:49
S45	129544	(95/55-56.cccls. or 96/4.cccls. or 55/524.cccls. or "210"/\$.cccls. or "429"/\$.cccls)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 12:52
S46	9000	((hydrogen or "h. sub.2") near4 membrane)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 12:52
S47	889	S45 and S46	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 12:52
S48	68	S47 and (alloy same (ni or nickel) same (zr or zirconium))	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 12:53

S49	66	S48 and (aluminum or vanadium or nb or niobium or phosphorous)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 12:55
S50	435	S46 and (alloy same (ni or nickel) same (zr or zirconium))	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 12:56
S51	358	S50 and (aluminum or vanadium or nb or niobium or phosphorous)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 12:56
S52	12	((zirconium or zr) and (ni or nickel)) with hydrogen near3 permeab\$5	USPAT	OR	OFF	2008/12/01 09:40
S53	28	((zirconium or zr) and (ni or nickel)) with hydrogen near3 permeab\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/01 09:41
S54	29	((zirconium or zr) and (ni or nickel)) with hydrogen near3 permeab\$5	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 09:41
S55	12	((zirconium or zr) and (ni or nickel)) with hydrogen near3 permeab\$5 same (al or aluminum)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 09:42

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